MASS.

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Gypsy moth

(SPECIFIC NAME): Lymantria dispar

HOST: Red & white oak

PRESENT CONDITION:

AREA (TOTAL ACRES): 414,054 more than 30% 63,721 acres less than 30%

LOCATION: Central Mass, S.E. Mass. and Cape Cod.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

TREND:

PAST TO PRESENT: Building

FUTURE: Building - Cape Cod + S.E. Mass. Stable in South Central Mass.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

COMMENTS:

Eleven towns sprayed aerially with B.t.

23,809 A

One with ground equipment with B.t.

Total cost ~~$~~ 141,601.00

Holden

Webster
Westborough
Uxbridge
Millville
Falmouth
Northbridge
Mendon
Millville
Milford
Taunton
Blackstone

State ~~park~~ property — 4,797 A

Nickerson State Park
Shawme Crowell State Forest
Sutton State Forest
Douglas State Forest
Upton State Forest

~~$~~ 56,205

Wrentham State Park
Ashland State Park

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Oak Leaf Tier - Roller Complex

(SPECIFIC NAME): Croesia semipurpurana (major defoliator)

HOST: Red Oak

PRESENT CONDITION:

AREA (TOTAL ACRES): 35,485

LOCATION: S.E. Mass and Eastern Franklin County.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Undetermined due to other defoliators present. (Gypsy moth + Oak Leaf Skeletonizer)

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

mortality 28.7% in Franklin County. 1985 first year since 1975 there has been no increase in mortality.

TREND:

PAST TO PRESENT: Building all areas

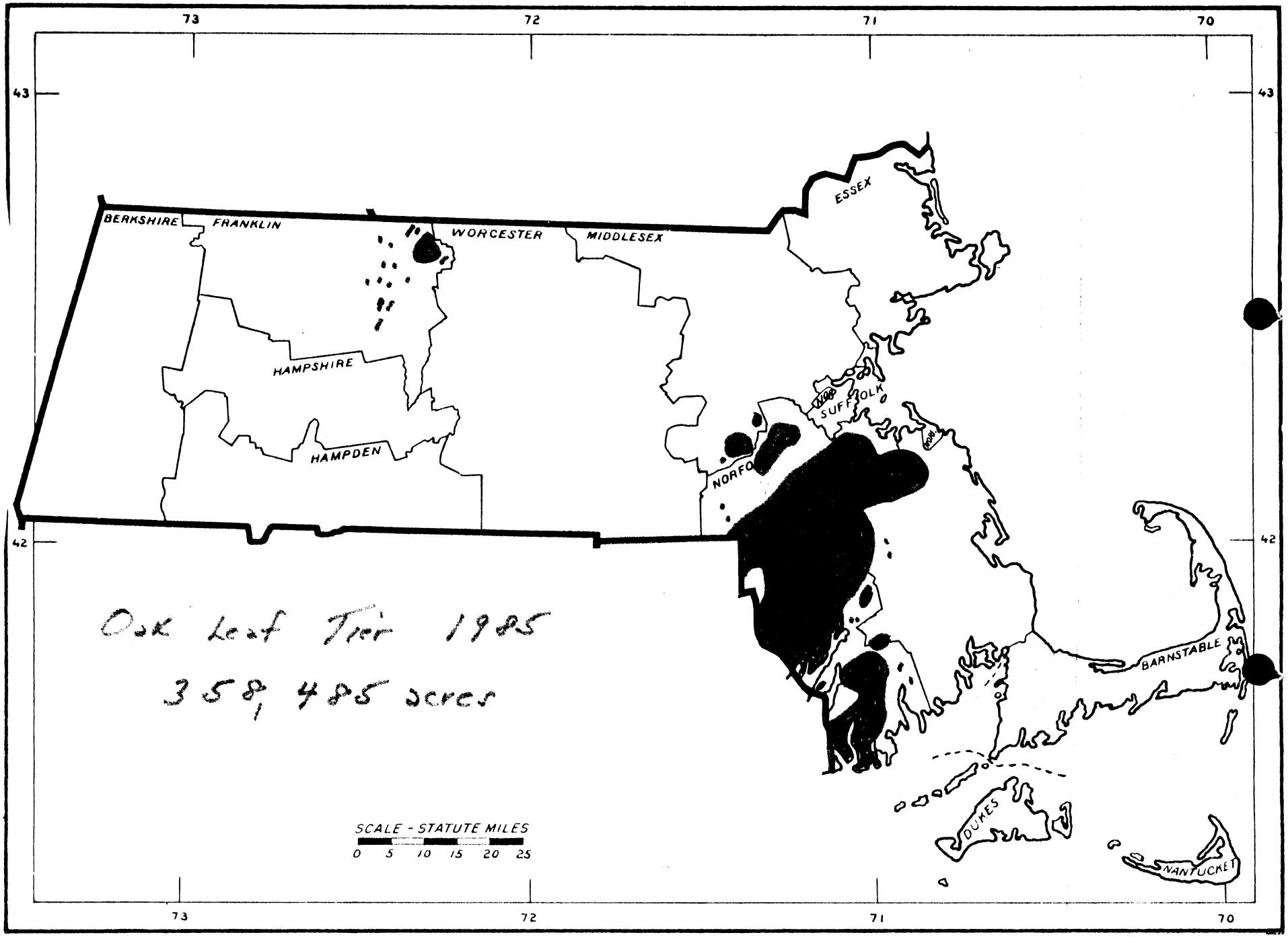
FUTURE: Building - Eastern Franklin County. Stable in S.E. Mass.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

None

COMMENTS:

MASSACHUSETTS



Oak Leaf Trail 1985

358,485 acres

AD - 400.19

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Oak Skeletonizer

(SPECIFIC NAME): Bucculatrix ainsliella

HOST: Mostly Red Oak

PRESENT CONDITION:

AREA (TOTAL ACRES): estimate – 3 million ±

LOCATION: Statewide

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

no survey for second generation

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

none

TREND:

PAST TO PRESENT: Building

FUTURE: Building

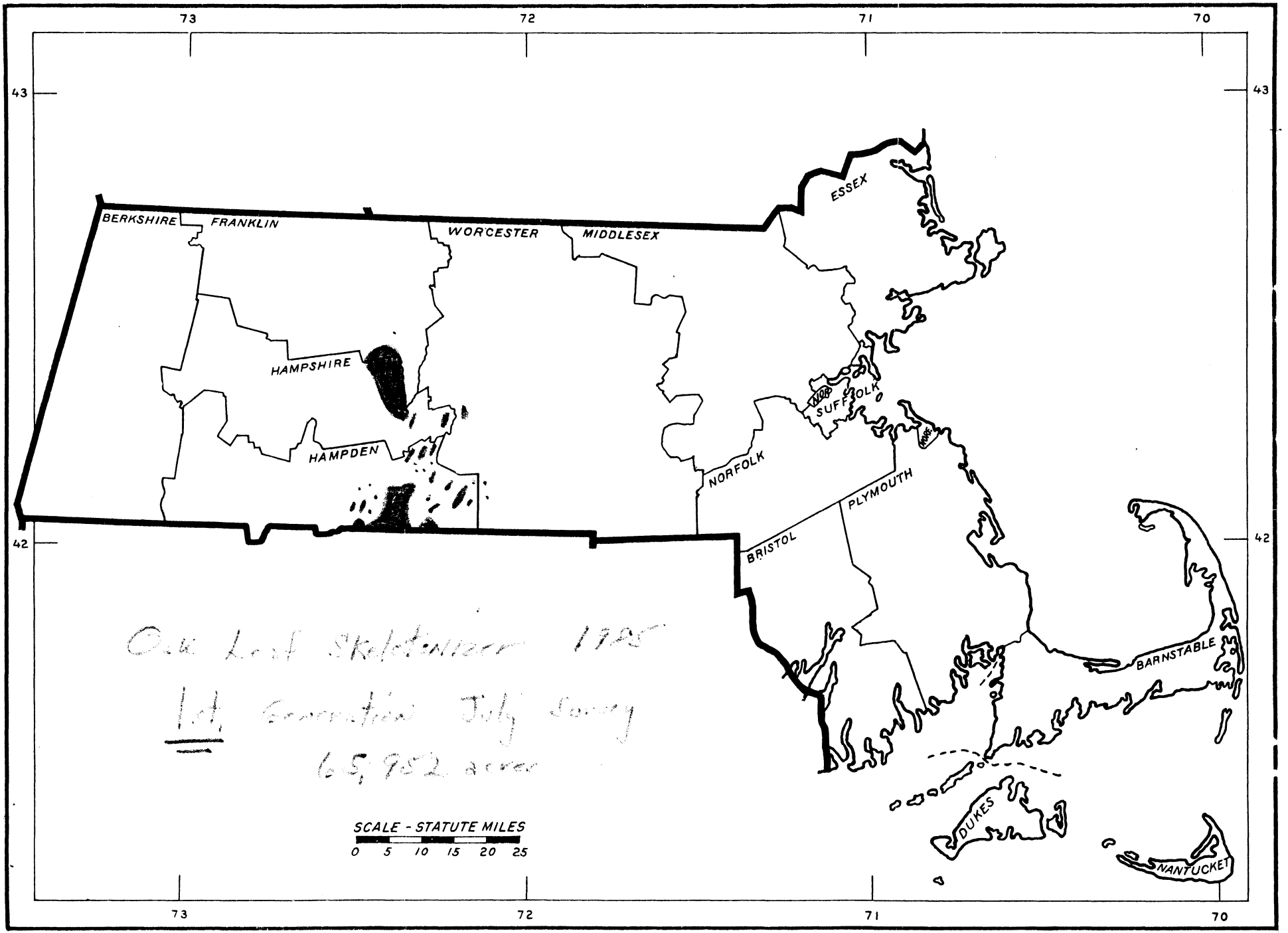
CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

none

COMMENTS:

Field men report heavy feeding from second generation statewide.

MASSACHUSETTS



Old Last Skeletonization 1795

1st Examination July Survey

65,952 acres

AD - 400.19

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